

**GAME MACHINE CONTROL SYSTEM**

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**Abstract**

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**PROBLEM TO BE SOLVED:** To concurrently operate multiple controllers.

**SOLUTION:** A signal receiver 2 on the main body side of a game machine 3 detects the operation signals transmitted from infrared controllers 1-1, 1-2, 1-3. When the operation signals are transmitted from the infrared controllers 1-1, 1-2, 1-3 to the signal receiver 3, the levels detected by a reception level detector in the signal receiver 2 are compared with the reference level set in advance, and LEDs in the signal receiver 2 are lighted if the reception levels differ from the reference level. Output level changing switches in the infrared controllers 1-1, 1-2, 1-3 are changed, and the reception levels are judged to be equal to the reference level when the LEDs are turned off. The operated infrared controllers 1-1, 1-2, 1-3 can be used with no problem even when they are located at different positions.

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